International Application No PCT/GB2004/004644

PCT/GB2004/004644 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B42D15/00 According to International Patent Classification (IPC) or to both national classification and IPC E. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 B42D G06K G07D Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ^c 1,2,5, US 6 089 614 A (DRINKWATER KENNETH JOHN X 12,25, ET AL) 18 July 2000 (2000-07-18) 28,31, 32,38-40 figures 2,5-9 column 3 column 4, lines 33-43 column 6, lines 47-63 column 7, lines 35-38,47-54 column 8 column 9, lines 1-28 Patent family members are listed in annex. X Further documents are listed in the continuation of box C. X Special categories of cited documents : later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 1 6. 06. 2005 27 January 2005

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International Application No
PCT/GB2004/004644

	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Holevall to Gailling.	
X	US 6 505 779 B1 (POWER GARY ET AL) 14 January 2003 (2003-01-14) cited in the application column 1, lines 55-62 column 2, lines 12-22 column 4 column 5, lines 1-30 figure 4	1	
Α .			
X	US 2002/027361 A1 (HIBBERT CAMERON REX ET AL) 7 March 2002 (2002-03-07) figures 1,2 page 1, paragraphs 17,21 page 2, paragraphs 22,33 page 3, paragraphs 35,37,39,40	1,5,31, 32,40	
A	GB 2 350 319 A (RUE DE INT LTD) 29 November 2000 (2000-11-29) page 4, lines 1-14,34-36 page 5, lines 23-30 page 6, lines 9-28 page 7, lines 1-14 page 8, lines 13-16 page 13, paragraph D	1	
X .	US 5 449 200 A (STOJANOVIC BORISLAV ET AL) 12 September 1995 (1995-09-12) column 5, lines 35-44 column 7, lines 1-22 column 8, lines 66-68 column 9 figures 1-4	1,25,31, 32,38,40	
·			
·		·	

3

Information on patent family members

International Application No
PCT/GB2004/004644

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6089614	A	18-07-2000	AU AU CA DE GB WO GB	723787 B2 3100097 A 734937 B2 2258251 A1 19781815 T0 2350319 A ,B 9747478 A1 2330111 A ,B	07-09-2000 07-01-1998 28-06-2001 18-12-1997 17-06-1999 29-11-2000 18-12-1997 14-04-1999
US 6505779	B1	14-01-2003	AU AU WO CA EP NZ	745596 B2 2040699 A 9936271 A1 2318071 A1 1054778 A1 505704 A	21-03-2002 02-08-1999 22-07-1999 22-07-1999 29-11-2000 21-12-2001
US 2002027361	A1	07-03-2002	AT AU WO BR CN DE DE ID JP KR VZ TW US	232473 T 726523 B2 4193497 A 9813211 A1 9712847 A 2266579 A1 1230923 A ,C 69719052 D1 69719052 T2 0935535 A1 21576 A 2001501879 T 2000036241 A 334719 A 415892 B 6471247 B1 9708661 A	15-02-2003 09-11-2000 17-04-1998 02-04-1998 18-01-2000 02-04-1998 06-10-1999 20-03-2003 22-01-2004 18-08-1999 24-06-1999 13-02-2001 26-06-2000 28-05-1999 21-12-2000 29-10-2002 27-05-1998
GB 2350319	Α	29-11-2000	AU AU CA DE WO GB US	723787 B2 3100097 A 734937 B2 2258251 A1 19781815 T0 9747478 A1 2330111 A ,B 6089614 A	07-09-2000 07-01-1998 28-06-2001 18-12-1997 17-06-1999 18-12-1997 14-04-1999 18-07-2000
US 5449200	A	12-09-1995	AT AU AU BG BR CA CN CN CN CZ CZ DE	190554 T 680882 B2 6263494 A 62390 B1 99482 A 9405422 A 2102271 A1 1112359 A ,C 1254777 A ,C 1257787 A ,C 9500582 A3 9801256 A3 9801257 A3 69328085 D1 69328085 T2	15-04-2000 14-08-1997 03-01-1995 29-10-1999 31-01-1996 08-09-1999 09-12-1994 22-11-1995 31-05-2000 28-06-2000 13-09-1995 16-06-1999 20-04-2000 16-11-2000

Information on patent family members

International Application No PCT/GB2004/004644

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 5449200 A		DK	628408 T3	14-08-2000
	·	EG	20711 A	29-12-1999
		EΡ	0628408 A1	14-12-1994
		ES	2145022 T3	01-07-2000
•		FI	950529 A	05-04-1995
		HU	69674 A2	28-09-1995
	•	WO	9429105 A1	22-12-1994
		JP	3164823 B2	14-05-2001
•	,	JР	8501838 T	27-02-1996
•	•	KR	255715 B1	01-05-2000
·		NO	950375 A	08-02-1995
· · · · · · · · · · · · · · · · · · ·		NZ	262767 A	26-03-1996
•		ΡĹ	307349 A1	15-05-1995
		PL	180127 B1	29-12-2000
	• •	PL	180252 B1	31-01-2001
·		PT	628408 T	29-09-2000
		RO	111921 B1	31-03-1997
		RU	2110408 C1	10-05-1998
		SG	52378 A1	28-09-1998
		SK	28995 A3	10-01-1996